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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,415	02/26/2004	Tetsuya Sadowara	065905-0312	2797
22428 7590 10/16/2007 FOLEY AND LARDNER LLP SUITE 500 3000 K STREET NW WASHINGTON, DC 20007			EXAMINER MCLEAN, NEIL R	
			ART UNIT	PAPER NUMBER
			2625	
			MAIL DATE	DELIVERY MODE
			10/16/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/786,415	Applicant(s) SADOWARA, TETSUYA	
	Examiner Neil R. McLean	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>02/26/2004</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamamoto (US 5,675,717).

Regarding Claim 1:

An image forming apparatus (Column 1, lines 9-11), comprising:
a storage (e.g., Video Memory VRAM 11 in Figure 1) configured to store an image data of a first format (Column 3, lines 33-36), a display (Monitor 14 in Figure 1) configured to display an image based on an image data of a predetermined format (Column 4, lines 5-9), and a data format converter (Resolution Conversion Unit 29 in Figure 1) configured to convert the image data of the first format stored in the storage (e.g., 90-dpi YMC to 90-dpi RGB, Column 5, lines 1-3) to the image data of the

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predetermined format when the image data in the first format stored in the storage is visually displayed on the display as an image (Column 5, lines 3-11).

Regarding Claim 2:

An apparatus according to claim 1, wherein the storage is configured to store the image data in the first format selected from at least RGB, YMC, YCbCr, and YMCK formats (Column 3, lines 50-53; See Color Processing Information Memory 27 in Figure 1).

Regarding Claim 3:

An apparatus according to claim 2, wherein the data format converter is configured to be capable of converting the image data of the first format selected from at least YMC, YMCK and YCbCr formats to the image data of the predetermined format (Column 5, lines 1-11; See Figure 6).

Regarding Claim 4:

An apparatus according to claim 3, wherein the predetermined format is RGB format (Column 4, lines 5-9).

Regarding Claim 5:

An apparatus according to claim 1, wherein the image data is stored with an image data format information in the storage, and the data format converter is

configured to convert the image data of the first format to the image data of the predetermined format according to the image data format information (Column 5, lines 1-11; See Figure 6).

Regarding Claim 6:

An apparatus according to claim 5, wherein the predetermined format is RGB format (Column 4, lines 5-9).

Regarding Claim 7:

An image forming apparatus according to claim 1, wherein the data format converter (Resolution Conversion Unit 29 in Figure 1) is configured to convert the image data of the first format stored in the storage to the image data of the predetermined format if the first format is different from the predetermined format when the image data in the first format stored in the storage is visually displayed on the display as an image (Column 5, lines 12-21).

Regarding Claim 8:

An image forming apparatus according to claim 1, wherein the data format converter (Resolution Conversion Unit 29 in Figure 1) is configured to convert the image data of the first format (e.g., 90-dpi YMC to 90-dpi RGB, Column 5, lines 1-3) stored in the storage (e.g., Video Memory VRAM 11 in Figure 1) to the image data of the predetermined format (Column 4, lines 5-9) when the image data in the first format

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stored in the storage is visually displayed on the display (Column 5, lines 3-11) as an image in accordance with a user request (Column 5, lines 55-63).

Regarding Claim 9:

An image forming apparatus (Column 1, lines 9-11), comprising:

a storage means (e.g., Video Memory VRAM 11 in Figure 1) for storing an image data of a first format (Column 3, lines 33-36) with an image data format information, a display means (Monitor 14 in Figure 1) for displaying an image based on an image data of a predetermined format (Column 4, lines 5-9), and a data format converter means (The program code or device which enables the Resolution Conversion Unit 29 in Figure 1 to convert image data) for converting the image data of the first format stored in the storage means to the image data of the predetermined format (e.g., 90-dpi YMC to 90-dpi RGB, Column 5, lines 1-3) according to the image data format information when the image data of the first format stored in the storage means is visually displayed on the display means as an image (Column 5, lines 3-11)..

Regarding Claim 10:

An image forming apparatus according to claim 9, wherein the data format converter (Resolution Conversion Unit 29 in Figure 1) means converts the image data of the first format stored in the storage to the image data of the predetermined format (Column 5, lines 1-11; See Figure 6) if the first format is different from the predetermined format when the image data in the first format stored in the storage is

visually displayed on the display as an image (Column 5, lines 3-11).

Regarding Claim 11:

A method for displaying an image based on an image data of various formats, wherein the image data in a first format is stored with an image data format information in a storage (e.g., Video Memory VRAM 11 in Figure 1) and an image is displayed on a display based on the image data of a predetermined format (Column 4, lines 5-9), comprising:

discriminating the first format of the image data based on the image data format information, converting (Resolution Conversion Unit 29 in Figure 1) the image data of the first format to the image data of the predetermined format (Column 5, lines 1-11; See Figure 6) according to the result of the discrimination, and visually displaying the image data of the predetermined format as an image (Column 5, lines 3-11).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Nishide et al. (US 7,253,918) discloses an image processing device carrying out, at an image processing terminal, image processing on the basis of image data generated by various types of applications, or on the basis of drawing commands.

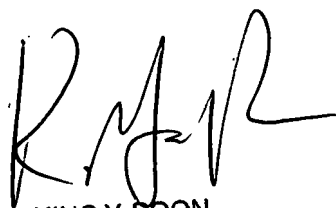
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neil R. McLean whose telephone number is 571.270.1679. The examiner can normally be reached on Monday through Friday 7:30AM-5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, King Poon can be reached on 571.272.7440. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Neil R. McLean
10/06/2007


KING Y. POON
SUPERVISORY PATENT EXAMINER